Wood dust collectors

Icon| Clen

High-efficiency dust collectors for the extraction and filtration of wood dust and chips





Icon

Icon **1C - 2C - 3C - 4C - 5C**

Clen

Clen **1 - 2**

Innovative Air Solutions
For a cleaner future.

Design

High-efficiency dust collectors, available in stationary or mobile versions, designed for the extraction and filtration of dust and chips generated during woodworking processes. Equipped with a plastic collection bag and a high-performance filtration system, they effectively handle air streams contaminated with solid particles.

Wood dust collectors

12 Models



Applications



Wood chips



Wood dust

Principle of operation

Designed for woodworking applications, this range of dust collectors extract and filter dust and chips from contaminated air conveyed through ducting directly connected to the machines. The extracted air is drawn by the fan into the unit, where heavier materials are deposited into the collection bag, while the remaining air, containing finer dust, is filtered by high-efficiency polyester filters. The purified air is then returned to the environment.



POLLUTED AIR FILTERED AIR

1. Dusty air inlet
2. Fan
3. Thermal Start/Stop switch
4. Coarse dust collection bag
5. Fine dust filter bag
6. Clean air outlet

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Filter Media

MEDIA		MATERIALS	oz/yd²	STANDARD	OPTIONAL
L PES COL270A	BAG	POLYESTER	8	■	
L PES 200	CARTRIDGES	POLYESTER	5.9		■
M PES/AX	CARTRIDGES	POLYESTER ANTISTATIC	5.9		■

STANDARD

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L PES COL270A

OPTIONAL

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L PES200

OPTIONAL

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M PES/AX

OPTIONAL

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COL 300C

Product range

Available in stationary or mobile configurations, these high-efficiency dust collectors are designed to handle wood dust and chips in woodworking applications. All versions are equipped with L PES COL270 polyester filter bags, transparent plastic collection bags, a steel fan, a three-phase motor (Icon) or a single-phase motor (Clen), and a UL-compliant thermal switch. They are ideal for stand-alone applications or small centralized systems.

Icon



In this range, all models are supplied in a stationary version - models 1 and 2 are also available in a mobile configuration. Air extraction takes place through a top inlet. The structure is supplied as standard in galvanized sheet metal.
All models are fitted with a three-phase motor.

Clen



All models in the range are supplied in a mobile version. Extraction takes place through two inlets: one located under the fan, designed for duct connection, and a floor-level inlet equipped with a gate. All models are fitted with a single-phase motor.

Technical features

Technical features	Icon	Model									
		1C 2	1C 3	2C 3	2C 4	3C 4	3C 5.5	4C 5.5	4C 7.5	5C 7.5	5C 10
Power	HP	2	3	3	4	4	5.5	5.5	7.5	7.5	10
Maximum airflow	CFM	1177	1471	1766	2060	2060	2649	2943	3238	3532	3826
Available static pressure	in w.g.	4.1	4.7	4.1	4.9	4.5		4.5	5.1	4.7	4.4
Filtering surface	sq ft	28		56		84		112		140	
Inlet	Øin	7.9		8.7		9.8		11		12.4	
Number of filter bags	Ø19.7 - H59 in	1		2		3		4		5	
Number of collection bags	Ø19.7 - H49.2 in	1		2		3		4		5	
Bags classification		POLYESTER									
RPM		3450		3450		3450		3450		3450	
standard power supply	V - Hz	230/460 - 60		230/460 - 60		230/460 - 60		230/460 - 60		230/460 - 60	
Noise level	dB	75		77		80		82		85	
Total weight	lb	165.4	172	218.3	231.5	286.6	297.6	370.4	383.6	467.4	491.6

Technical features	Clen	Model	
		1	2
Power	HP	1	2
Maximum airflow	CFM	883	1324
Available static pressure	in w.g.	1.6	2
Filtering surface	sq ft	20.5	23.7
Inlet	Øin	6	7.1
Number of filter bags	Ø17.7 in	1 - H47.2	1 - H59
Number of collection bags	Ø17.7 - H41.3 in	1	1
Bags classification		POLYESTER	
RPM		3450	3450
standard power supply	V - Hz	120 - 60	120 - 60
Noise level	dB	81	83
Total weight	lb	83.8	89.3

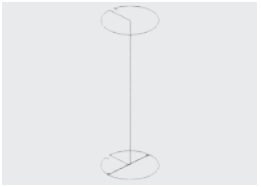
Standard Components

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Polyester filter bag

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Bags filter holder

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Transparent plastic collection bag

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Thermal switch

Options

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Branches

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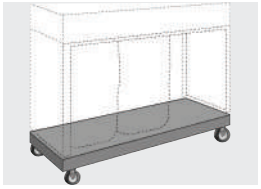
Flexible hose

Clen



Accessory set

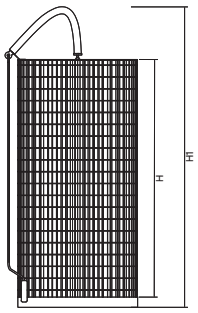
Icon 1 - 2



Carted version

FIL cartridges



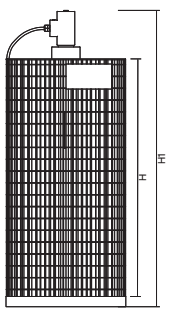


FIL MOD C

Cartridge with manual cleaning handle

H in	H1 in	Øin	Filtering surface (sq ft)
26	36.4	17.7 19.7	63.5 70
39.4	49.8	17.7 19.7	96.9 107.6





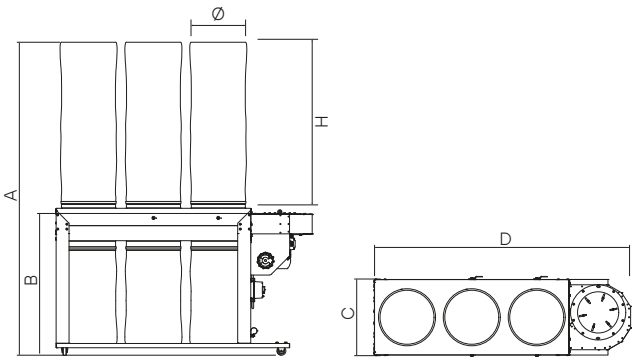
FIL MOD D

Cartridge with motor cleaning system

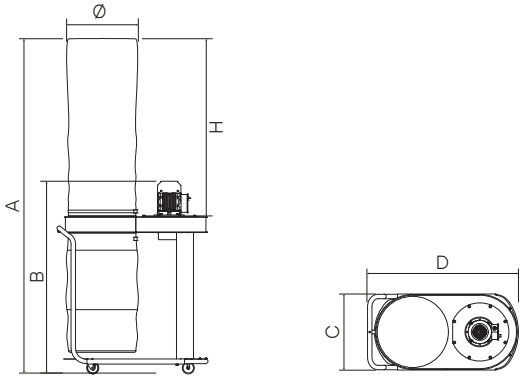
H in	H1 in	Øin	Filtering surface (sq ft)
26	36.4	17.7 19.7	63.5 70
39.4	49.8	17.7 19.7	96.9 107.6

Overall dimensions

Icon



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MODEL	DIMENSIONS (in)					
	A	B	C	D	Ø	H
Icon **1C**	107.9	51.4	27.6	53.2	19.7	59
Icon **2C**	107.9	51.4	27.6	68.9	19.7	59
Icon **3C**	103.6	47.3	27.6	94.5	19.7	59
Icon **4C**	103.6	47.3	27.6	118.2	19.7	59
Icon **5C**	103.6	47.3	27.6	141.8	19.7	59
Clen **1**	86.6	51.2	19.7	41.8	17.7	47.3
Clen **2**	86.6	52.8	19.7	41.8	17.7	59

Packaging information

MODEL	DIMENSIONS (in) AxBxH	FAN	WEIGHT (lb)
Icon **1C**	55 x 31 x 28	29 x 25 x 30	133+133
Icon **2C**	62 x 32 x 28	29 x 25 x 30	177+133
Icon **3C**	73 x 30 x 29	29 x 25 x 30	199 +133
Icon **4C**	99 x 30 x 25	29 x 25 x 30	232 +133
Icon **5C**	122 x 31 x 24	29 x 25 x 30	276 +133
Clen **1**	41 x 23 x 28		122
Clen **2**	41 x 23 x 28		122

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Gallery







Coral USA

Coral USA provides innovative fume extraction and dust collection solutions for industrial applications.
With decades of experience, Coral combines technical expertise, reliable performance, and a strong commitment to helping you maintain a safer, cleaner, and more productive workplace.

Based in Texas, we're ready to support your business with advanced solutions, responsive service, and ready-to-ship inventory.

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For a cleaner future.

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